

IN THE SPECIFICATION

Please insert the following paragraph beginning at page 14, line 26:

FIGS. 13a and 13b illustrate an embodiment of a transmitter and a receiver according to the present invention.

Please insert the following paragraph beginning at page 32, line 1:

Figures 13a illustrates in more detail an embodiment of the transmitter shown in Figure 9. In particular, the sequence output section 403 includes a selecting section that selects the sequence initial values Y_1, Y_2, \dots, Y_s and the integer parameters p_1, p_2, \dots, p_s ; a parameter transmitting section that transmits the selected sequence initial values Y_1, Y_2, \dots, Y_s and integer parameters p_1, p_2, \dots, p_s ; and a pseudo-random number sequence output unit that accepts input of the selected sequence initial values Y_1, Y_2, \dots, Y_s and integer parameters p_1, p_2, \dots, p_s and outputs the pseudo-random number sequence of length N . The remaining elements of Figure 13a correspond the corresponding elements shown in Figure 9.

Similarly, Figure 13b illustrates in more detail an embodiment of the receiver shown in Figure 11. In particular the sequence output section 604 includes a selecting section that selects the sequence initial values Y_1, Y_2, \dots, Y_s and the integer parameters p_1, p_2, \dots, p_s ; a parameter transmitting section that transmits the selected sequence initial values Y_1, Y_2, \dots, Y_s and integer parameters p_1, p_2, \dots, p_s ; and a pseudo-random number sequence output unit that accepts input of the selected sequence initial values Y_1, Y_2, \dots, Y_s and integer parameters p_1, p_2, \dots, p_s and outputs the pseudo-random number sequence of length N .